

INTERNATIONAL MARMARA SCIENCES CONGRESS
IMASCON 2022 AUTUMN
9 DEC 2022 FRIDAY

The Start of Registration Process

AÇILIŞ KONUŞMALARI - OPENING SPEECHES 10:00 / 11:00

- İstiklal Marşı ve Saygı Duruşu / National Anthem and Moment of Silence
- Körfez Belediyesi Tanıtım Filmi / Short Film of Municipality Körfez
- Kocaeli Üniversitesi Tanıtım Filmi / Short Film of Kocaeli University
- Şener Söğüt, *Mayor of Körfez Municipality*
- Doç. Dr. Öznur Gökkaya, *President of Imascon Congress*

IMASCON PANEL – SUSTAINABILITY- 14:00 / 15:00

- Prof. Dr. Luis Roseiro, Instituto Politécnico de Coimbra, Portugal
- Assoc. Prof. Dr. Flora Merko, Aleksandër Moisiu University Durrës, Albania
- Assoc. Prof. Dr. Lyudmyla Symochko, Uzhhorod National University, Ukraine
- Assoc. Prof. Dr. Nuriyeva Sevinç, Azerbaijan State Pedagogical University, Azerbaijan
- Assoc. Prof. Dr. Murzakmatov Amanbek Kamyrovich, Osh State University, Kyrgyzstan
- Assist. Prof. Dr. Reyhan Dadash, Azerbaijan State Pedagogical University, Azerbaijan
- Lecturer Phd. Olta Nexhipi, “Aleksandër Moisiu” University Durrës, Albania
- Lecturer Dr. Vitor Maranha, University of Coimbra, Portugal
- Lecturer Dr. Kubanychbek Isakov, Osh State University, Kyrgyzstan
- Dr. Isma Rosila Ismail, International Centre Universiti Malaysia Terengganu, Malaysia

9 DEC 2022 FRIDAY

ORAL (FACE to FACE) PRESENTATIONS

9 DEC 2022 FRIDAY	SESSION 1	Time 10:00 – 11:15
IMASCON 2022 AUTUMN SESSION 1.1 / 11:00 – 12:15	Hall : 1	9 DEC 2022 FRIDAY
SESSION CHAIR : Assoc. Prof. Dr. Flora Merko		
Vildan ŞANKO	New Approaches to Increase Lifetime in Enzymatic Urea Biosensor	
Tuğba ATICI	Cytotoxic Effects Of Paclitaxel/Aloe-Emodin Combination in Breast Cancer Cell Lines	
Fatma Okuş	Green Synthesized Metal Nanoparticles Appear To Meet The Low Toxicity Expectation: What About Genotoxicity?	
Assist. Prof. Dr. Ece AVULOĞLU YILMAZ	Evaluation Of Cytotoxic Effect Of Food Sweetener Mannitol Using Mtt Assay	
Ayşe TEK	The Effects Of Some Liquid Soaps On Seed Germination And Root Length In Pisum Sativum	
IMASCON 2022 AUTUMN SESSION 2.1 / 14:00 – 15:15	Hall : 1	11:30 – 12:45 9 DEC 2022 FRIDAY
SESSION CHAIR : Assoc. Prof. Dr. Hasan KAYA		
İlhan KARABIYIK	Simulation of Thermodynamic and Thermokinetic Properties of 27MnB4 Steel with Computational Materials Engineering Technologies	

Can Berk YALÇIN	Thermodynamic Characterization of MnFeCoNiCu High Entropy Alloy with Computational Materials Engineering Technologies	
Ece SİMOOĞLU SARI	The Effect Of Cooling Conditions After Melting On Microstructure And Hardness Properties Of Aa7075 And Aa6082 Alloys	
Ece SİMOOĞLU SARI	Effects On Microstructural, Hardness And Wear Behavior Of Aisi 8620 Cementation Steel Applied To Different Heat Treatment Temperatures	
Hasan İSMAİL YAVUZ	Production Of B-Type Titanium Alloys By Hot Press And Investigation Of The Wear Properties	
9 DEC 2022 FRIDAY ORAL (FACE to FACE) PRESENTATIONS		
9 DEC 2022 FRIDAY	SESSION 2	Time 15:30 – 16:45
IMASCON 2022 AUTUMN SESSION 3.1 / 15:30 – 16:45	Hall : 1	9 DEC 2022 FRIDAY
SESSION CHAIR : Prof.Dr. Luis Roseiro		
Ulaş Can ÖZAK	On Two Wheels With Pd Control Balance Robot Design	
Abdülkerim GÜNDOĞAN	A Review Of The Soft Switching Cells Used For Multi-Switch Inverters	
Cüneyt CEYHAN	Air Core Reactor Design and Analysis for Energy Systems Applications	
Oktay PEKTAS	Augmented Reality Supported Home Automation	
IMASCON 2022 AUTUMN SESSION 4.1 / 17:00 – 18:15	Hall : 1	17:00 – 18:15 9 DEC 2022 FRIDAY
SESSION CHAIR : Assoc.Prof.Dr. Mehmet Zeki KONYAR		
Assoc. Prof. Dr. Mehmet Zeki KONYAR	Reversible data hiding method based on double-side histogram shifting of Image sub-blocks	
Assoc. Prof. Dr. Jale YILMAZKAYA SÜNGÜ	Obtaining Gluon Propagator In A New Generalized Gauge	
Ahmet EKİZ	Chest X-ray Images Classification with CNN	
Fatikha IMAMAGZAM	Deep Learning And Machine Learning İn Fingerprint And Palm Print Analysis	
Elif GÜNGÖR	Analysis Of The Y(4500) As The Vector Molecular State	
Mustafa OF	Machine Learning With Tensorflow Library	
IMASCON 2022 AUTUMN SESSION 4.2 / 17:00 – 18:15	Hall : 2	9 DEC 2022 FRIDAY

SESSION CHAIR : Dr. Sevilay OKKAY

Dr. Sevilay OKKAY	Evaluation Of Magallana Gigas (Thunberg, 1793) Invasion In Turkish Seas In Terms Of Parasite Transmission
Hüma ARABACI	Eco-Friendly Green Chemistry
Burcu ERGÜN YÜKSEL	Evaluation Of Using Lifecycle Sustainability Analysis To Achieve Sustainable Development Goals
Elif ŞAHİN	The Effects Of Fermentation With Different Microorganisms On The Nutritional Composition And Antioxidant Activity Of Codium fragile.

IMASCON 2022 AUTUMN SESSION 5.1 / 18:30 – 19:15	Hall : 1	9 DEC 2022 FRIDAY
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SESSION CHAIR : Assoc.Prof.Dr. Ömer GÜNGÖR

Naci DEMİRÖRS	Investigation of Formal Dimensions of Thermal Mastic Lines Used in Battery Cells of Electric Vehicles
Emir Kaan BAYRAKTAR	The Development of a Detection System of Robotic 3D Welding Seam Axis and Form for Welding Processes
Adem ORUZ	Kalman Filter Mass Estimation Algorithm Calibration For A Light Duty Vehicle: Theory And Practice
Dr. Ali ŞANLI	Investigation Of Cyclic Combustion Variations Of Common Rail Diesel Engine
Yusuf YAĞCI	The Effect Of Wing Profiles On Performance In Vertical Axis Wind Turbines

IMASCON 2022 AUTUMN SESSION 5.2 / 18:30 – 19:15	Hall : 2	9 DEC 2022 FRIDAY
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SESSION CHAIR : Assoc.Prof.Dr. Bülent AYDEMİR

Fatih Harun ÖZDUMAN	Verification The Stability Of Telehandlers
Veysel Arif YÜKSEL	Investigation Of The Surface Roughness Obtained By Topology Optimization On Additive Manufacturing Abs Plates
Veysel Arif YÜKSEL	Investigation Of The Surface Roughness Obtained By Topology Optimization On Additive Manufacturing Hips Plates
Assoc. Prof. Dr. Bülent AYDEMİR	Investigation Of The Effects Of Changes In Si Units
Assoc. Prof. Dr. Bülent AYDEMİR	Conditions Caused By Incorrect Force Measurement On Force Measuring Devices
Assoc. Prof. Dr. Bülent AYDEMİR	Investigation Of Hand Grip Force Measurement System Data In Different Activities

Discussion

**ONLINE PRESENTATIONS
9 DEC 2022 FRIDAY**

ONLINE PRESENTATIONS

**9 DEC 2022
FRIDAY**

SESSION 1

Time 11:00 – 12:15

**IMASCON 2022 AUTUMN SESSION
1.1 / 11:00 – 12:15**

Hall : 1

9 DEC 2022 FRIDAY

Remote Access Link:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODQxZmE3MTktYjQ3OS00YzdhLThmYmUtNDIxMzcwZTQ5ODQ5%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d

SESSION CHAIR : Lecturer Mustafa OF

Nurgül AYKAŞ

Natural Gas Demand Forecasting for Duzce

Hamdi AYKAŞ

Electricity Energy Demand Forecasting For Duzce

Hasan ÜNVER

Kubernetes And Deployment And Serving An Machine Learning Model On The Kubernetes Platform

Enes BAYTÜRK

Anomaly Detection of The Splice Adding Process with Unsupervised Learning

Zeynep VİLDAN IŞIK

TanHardEx:A New Nonlinear Activation Function For Deep Learning Methods

Furkan BERK SEYREK

Diagnosis And Classification Of Lung Cancer By Deep Learning And Transfer Learning Techniques

**IMASCON 2022 AUTUMN SESSION
1.2 / 11:00 – 12:15**

Hall : 2

9 DEC 2022 FRIDAY

Remote Access Link:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjZkYjM0ZGQtNjI3ZS00N2QzLWE5ZGMtOTc3YWVknjA4NzYy%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d

SESSION CHAIR : Assoc.Prof.Dr. Ela HOTI

Assoc. Prof. Dr. Ela HOTİ

Microbial contamination of multi-dose eye drops, the importance of correct storage and handling

Dr. Merve YILMAZER

Effects of Heterologous Tau Protein in Schizosaccharomyces pombe

Prof.Dr. Şükrü Dursun	Autumn Season Pm Measurements And Spatial Modeling For Konya City, Selçuklu, Hacikaymak District	
Zehra KANLI	Effect of Chemotherapy Drugs Combined with Flavonoid on Colorectal Cancer Cells	
Assist. Prof. Dr. Cevdet NACAR	Missing Backbone Hydrogen Bonds in α -Helices	
Merve Ülkü SAYIM	Determination Of Antimicrobial Activity of Atropa belladonna L.	
<i>Discussion</i>		
IMASCON 2022 AUTUMN SESSION 1.3. 11:00 – 12:15	Hall : 3	9 DEC 2022 FRIDAY
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_MjUyM2MyMmUtOGZiZS00ZTRmLTkxMGIYWEyODc4NzA1NWUx%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22864dcbf5-aaa0-4989-9679-d1cf8be72f4e%22%7d		
SESSION CHAIR : Assoc.Prof.Dr. Merve DANDAN DOĞANCI		
Assoc. Prof. Dr. Lyudmyla SYMOCHKO	Ecocide In Ukraine: Assessment Of War Impact On Environment	
Aylin KOCAMAZ	Physical, Chemical and Bacteriological Examination of Some Natural Spring Top Waters in the province of Konya.	
Uğur ASAN	Bioecological Characteristics Of Some Fish Species Fished In Dalyans In The Bosphorus	
Ercan DOĞAN	Effects of some shampoos on seed germination and root length in pisum sativum	
Andrew RAVLÍKOVSKY	Comparasing Of Beech And Oak Based Supplemented Substrates For Shiitake Cultivation	
Rüveyde PALA	Determination of In Vitro Antimicrobial Activity Of Alpinia officinarum Hance	
ONLINE PRESENTATIONS		
9 DEC 2022 FRIDAY	SESSION 2	Time 14:00 – 15:15
IMASCON 2022 AUTUMN SESSION 2.1 / 14:00 – 15:15	Hall : 1	9 DEC 2022 FRIDAY
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_MjYxNDI3YjktNmZhYi00ODNkLWJhOTgtYmY1ZTkWZjZkMzRj%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d		
SESSION CHAIR : Assoc.Prof.Dr. Erdinç DOĞANCI		

Melek ERTUĞ YILDIRIM	Analysis of Tram Maintenance Times using Data Mining in Intelligent Transportation	
Kanan MUKHTAROV	Detection of malware via PE files with machine learning methods	
Muhittin YILMAZ	Efficiency analysis and research of reporting and display designs used in Enterprise Resource Planning software	
Yunus ELİAÇIK	Software Optimizations in Embedded Systems	
Okan İTKÜ	Software Optimization Techniques in Embedded Systems	
Sinan AY	Backend Test Optimization with Java Rest Assured	
Şeyma ÇİÇEK	Comparison Of Turkey Singapore Secondary School Mathematics Teaching Programs	
IMASCON 2022 AUTUMN SESSION 2.2 / 14:00 – 15:15	Hall : 2	9 DEC 2022 FRIDAY
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzU3ZDliMDMtMDViOS00YzBiLWI3ODktODY4NzY1NmQ5YTZi%40thread.v2/0?context=%7b%22id%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d		
SESSION CHAIR : Assoc.Prof.Dr. Ömer GÜNGÖR		
Dr. Alper ÖNDER	Development of Composite Hydrogel For Dye Adsorption From Wastewater	
Orhan TERZİOĞLU	Investigation of the effect of process aids in fluorocarbon rubber compound	
Betül CUMAOĞLU	Synthesis of Some New Indan-on Derivatives and Building Lighting Studies	
Özden ESEN	Synthesis, Characterization of Dioxide of Polyaromatic Photoinitiator	
Veysel Emre BOZKURT	Alternative material constructions for fluid transfer systems used in electric vehicles	
Dr. Mehmet OĞUZ	Investigation of Cytotoxic Properties of Florescence Calix[4]arene Derivative Subtituted with 4-biphenylcarbonitrile	
<i>Discussion</i>		
IMASCON 2022 AUTUMN SESSION 2.3 / 14:00 – 15:15	Hall : 3	9 DEC 2022 FRIDAY
Remote Access Link: https://teams.microsoft.com/l/meetup-		

[join/19%3ameeting_NDVhN2U4NjYtMDZhYS00NmM3LWFmMTUtNmFjMWY0MThlNjkw%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22864dcfb5-aaa0-4989-9679-d1cf8be72f4e%22%7d](https://teams.microsoft.com/join/19%3ameeting_NDVhN2U4NjYtMDZhYS00NmM3LWFmMTUtNmFjMWY0MThlNjkw%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22864dcfb5-aaa0-4989-9679-d1cf8be72f4e%22%7d)

SESSION CHAIR : Assoc.Prof.Dr. Fatma SARF

Assoc. Prof. Dr. Fatma SARF	AgO and K:AgO Nanoparticles Obtained By CO-Precipitation Process From Chemical Wastes
Sedat ÖRÜCÜ	Investigation And Characterization Of Duplex Stainless Steel Production By Mechanical Alloying Method
Şeyda BÜYÜKYAPICI	Investigation Of The Effect Of The Parameters Affecting The Degasting Process Of Aluminum Casting Alloys On A356 Alloy
Şeyda BÜYÜKYAPICI	Investigation Of The Effect Of Iron, Copper And Manganese In Secondary Aluminum On A356 Alloy In Aluminum Casting Alloys
Ayşin METİN	Evaluation Of Borax Waste In The Production Of Porous Ceramics
Hasan Hüseyin IŞIK	The Structural Analysis Of Pt18cu82 Alloy Catalyst For Hydrogen Evolution Reaction In Alkaline Media

ONLINE PRESENTATIONS

9 DEC 2022 FRIDAY	SESSION 3	Time 15:30 – 16:45
IMASCON 2022 AUTUMN SESSION 3.1 / 15:30 – 16:45	Hall : 1	9 DEC 2022 FRIDAY

Remote Access Link:

https://teams.microsoft.com/join/19%3ameeting_ZjkyOGE1MTAtZTM5Yi00MDRiLWFkZTYtNzhjY2Q2NWE1OTMy%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d

SESSION CHAIR : Lecturer Kazım Kahraman

İsmail GÜLSOY	Industrial Use Of Recycled Water: The Case Of Kocaeli
Dilay SEVER	Investigation Of The Removal Efficiency Of Inorganic Gases In Pall Ring Integrated Wet Scrubber Systems In Different Sectors
Muhammed TATAR	Effects Of Essential Oils On Tribolium Confusum Jacquelin Du Val (Coleoptera: Tenebrionidae) And Tribolium Castaneum (Herbst) (Coleoptera: Tenebrionidae): Review
Muhammed TATAR	Insectidal Activities Of Satureja Hortensis And Lavandula Angustifolia Essential Oils Against Adults Of Tribolium Castaneum (Herbst, 1797) (Coleoptera: Tenebrionidae)
İbrahim ARSLANOĞLU	Portable Water Purification System Design Powered By Photovoltaic Energy

IMASCON 2022 AUTUMN SESSION 3.2 / 15:30 – 16:45	Hall : 2	9 DEC 2022 FRIDAY
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Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjkyOGE1MTAtZTM5Yi00MDRiLWFkZTYtNzhjY2Q2NWE1OTMy%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d		
SESSION CHAIR : Lecturer İsmail Kılıçaslan		
Erdoğan UĞURLU	Investigation Of The Heavy Metal Adsorption Properties Of Ferrochrome Flue Dust	
Bariş YAZICI	The Effect Of Mn And Cr Rations In 6005 Aluminum Allays On Recrystallization Limits And Mechanical Properties	
Doğukan TANER	Epitaxial Growth of Ga ₂ O ₃ Thin Films in LPCVD Reactor	
Burak ERAYHAN	Preparation and characterization of boron nitrate (bn) reinforced polymeric hydrogel nanobiocomposites using microfluidic	
Hamdin OZDEN	Epitaxial Growth of Monoclinic Gallium Oxide (β -Ga ₂ O ₃) Layers on 4H- Silicon Carbide (SiC)	
IMASCON 2022 AUTUMN SESSION 3.3 / 15:30 – 16:45	Hall : 3	9 DEC 2022 FRIDAY
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTdiNWNjN2EtNDU2Ni00NmRjLWE1YTMtODQ4ZWFIOTIxZDA0%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22864dcf5-aaa0-4989-9679-d1cf8be72f4e%22%7d		
SESSION CHAIR : Dr. Süleyman SOYDAŞ		
Cihan DEMİR	Planetary Gearbox Design For A Wind Turbine	
İlhan KÜÇÜK	Simulation Supported Cutting Operation And Prototype Production Of A Sample Product	
Assoc. Prof. Dr. Fatma SARF	hydrophobic ago thin film production by ultra-fast chemical bath deposition	
Yener YILMAZ	Moving Die Extrusion Application Investigation And Prototype Production	
Mahmut Can EYÜP	Multi-Field Investigation of Rotor Systems Used in Shotcrete Machines Depending on the Change of Constructive Parameters	
Nazan İLÇİN KAYKAÇ YAŞAROĞLU	Comparing Mechanical Properties of TIG Welded 16Mo3 and P235GH Steam Boiler Tube Materials Using Different Welding Currents	
Levent UĞUR	Effect of Drill Bit Geometry on Cutting Forces, Torque and Temperature Distribution in Drilling Ti 6Al 4V Alloy	
<i>Discussion</i>		

ONLINE PRESENTATIONS		
9 DEC 2022 FRIDAY	SESSION 4	Time 15:30 – 16:45
IMASCON 2022 AUTUMN SESSION 4.1 / 17:00 – 18:15	Hall : 1	9 DEC 2022 FRIDAY
<p>Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzE3MzliZDctZjllYy00ZjYxLTlkNjltYTl5ZDcyOGNIMjVj%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d</p>		
SESSION CHAIR : Lecturer Mustafa OF		
Selim Can YALMAN	Investigation of Predictive Maintenance with Oil Analysis in Ship Diesels	
Cihan BALTOPRAK	Experimental Investigation of Pollution Formed in Circuit Pipes in Hydraulic Systems	
Gizem AK	Effect of Aluminum Master Alloys with Different Sr and B Amounts on Mechanical and Microstructural Properties of A356 Alloy	
Gaye GÜNGÖR	Experimental Investigation Of The Corrosion Resistance Of Pipe Cutting Rings Used In Hydraulic Systems After Installation	
Hatice DUMAN	Quantitative Xrd Analysis By Rietveld Method Of V2o5 Powder Materials Produced By Hydrothermal Method In Different Conditions	
Muhammed Sabri BAYINDIR	Investigation of the tensile stress of the organic composite structure produced using tea waste	
IMASCON 2022 AUTUMN SESSION 4.2 / 17:00 – 18:15	Hall : 2	9 DEC 2022 FRIDAY
<p>Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzcyZDkxZmEtZWViOC00MDBiLTk1NjEtNjc0YjI0ZDM1OGZj%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d</p>		
SESSION CHAIR : Assoc. Prof. Dr. KADRİ ÖZDEMİR		
Assoc. Prof. Dr. KADRİ ÖZDEMİR	W→l9+jets Studies At $\sqrt{s}=100$ TeV At The Future Circular Collider	
Dr. Halil KUYRUKCU	reduced Field Equations Of Wesson's Induced Matter Theory In The Context Of Generalized Kaluza–Klein Metric Ansatz	
Assoc. Prof. Dr. OZAN ARTUN	The Production of Neodymium-147 Radioisotope in Particle Accelerators	
Uğur MUTLU	The Investigation Of Ghost Fields In The Generalized Gauges	

İlknur Baldan IŞIK	Investigation Of Bimetallic Pt30co70 Nanoparticle For Electrochemical Hydrogen Evolution	
Ayşe Kahraman	INVESTIGATION OF THE STRENGTH OF ADHESIVES USED INSTEAD OF ADHESIVE BONDS ACCORDING TO THE DESIGN	
IMASCON 2022 AUTUMN SESSION 4.3 / 17:00 – 18:15	Hall : 3	9 DEC 2022 FRIDAY
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_YjQ1NjBhZDYtMWE1Ni00ZWFiLTIINzItMmFjMmJjNmVhN2M1%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22864dcbf5-aaa0-4989-9679-d1cf8be72f4e%22%7d		
SESSION CHAIR : Assist.Prof.Dr. Sezgin BÜYÜKKÜTÜK		
Yousef ELGANZOURY	Modeling And Design Of A Ground Control Station For Tethered Micro Uavs	
Fatih KÖSE	A Review On Swarm Robotics And Swarm Algorithms	
Ali İhsan BÜLBÜL	Two Mechanism from the History of Automatic Control: by Beni Musa and El-Cezeri	
Hüseyin SARGI	Real Time DC Motor Control using PID and Fuzzy Logic Control	
Yunus ERİŞGİN	Teaching Basic Astronomy Subjects to Classroom Teachers with the Help of Physical Models	
Assist. Prof. Dr. Sezgin BÜYÜKKÜTÜK	A new research on a class of surface given with Monge Patch in E^4	
ONLINE PRESENTATIONS 10 DEC 2022 SATURDAY		
ONLINE PRESENTATIONS		
10 DEC 2022	SESSION 5	Time 10:30 – 11:45
IMASCON 2022 AUTUMN SESSION 5.1 / 10:30 – 11:45	Hall : 1	10 DEC 2022
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_OTUzYjBjZjQtMWVkbNS00NGU3LWE4OGEtODdiNjJiZmMyN2Zj%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d		
SESSION CHAIR : Dr. Bülent KOPARAN		
Sevde Tuğçe KARASAKAL	Proposal Of A Two-Dimensional Decision-Making Model and Supplier Selection In The Retail Industry	
Deniz PEKŞEN	Stock Trend Prediction and Portfolio Optimization	
Melike EKE	Cold Metal Transfer Welding Quality	

Ahmet Macit AYTEKIN	Genetic Algorithm Approach For Drone Routing Problem	
Kübra EFE	Supplier Selection In The Pharmaceutical Industry With Swara Weighted Electre Method	
Muhittin YILMAZ	Impact on productivity and error management as a result of going beyond Standard workflows in software used in Enterprise Resource Planning system	
IMASCON 2022 AUTUMN SESSION 5.2 / 10:30 – 11:45	Hall : 2	10 DEC 2022
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_MGI2MTdINjUtZjZjOC00MGMxLWIwYjYtOTMwOGVjY2Q4OWZk%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d		
SESSION CHAIR : Lecturer Mustafa OF		
Yunus SEVİNÇ	Real-time Mask And Social Distance Detection By Unmanned Aerial Vehicle	
Selman COGAY	Optimal Control Of Crane Systems	
Halil Asil AYDIN	A Comprehensive Performance Analysis for Embedded Machine Learning Implementations	
Dursun GERÇEK	Hardware Implementation Of DSRC System	
Museyib HABİBLİ	Series Llc Resonance Inverter Circuit Design and Control	
Mustafa DALLI	Relationship Between Japanese Architectural Culture And Disaster	
<i>Discussion</i>		
ONLINE PRESENTATIONS		
10 DEC 2022	SESSION 6	Time 12:00 – 13:15
IMASCON 2022 AUTUMN SESSION 6.1 / 12:00 – 13:15	Hall : 1	10 DEC 2022
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzVjYTM3NTctNmNhMS00MTIzLWE5ZjAtZTliN2NmNzJhNDNi%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22def579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d		
SESSION CHAIR : Lecturer Kazım Kahraman		
Adnan TİRNIĞ	Solar-Powered LoRa Sensor Node Design for Intelligent Agriculture.	

Hatice AYDIN	Active Investment Planning In The Electricity Distribution System	
Ayşe Tuğba YAPICI	Buck Converter Circuit Analysis In Electric Vehicle Charging	
Ekrem ŞAHİN	High Voltage Direct Current (Hvdc) Systems And Fault Analysis For Transmission Line	
Aslihan KILINÇ	Analysis Of Battery And Supercapacitor Hybrid Energy Storage Systems	
IMASCON 2022 AUTUMN SESSION 6.2 / 12:00 – 13:15	Hall : 2	10 DEC 2022
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWE5ZjBjODgtZWY4YS00NjdmLTg4NjUtNTkyYjA2MDIzZGM2%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d		
SESSION CHAIR: Assist.Prof.Dr. Hasan SESLİ		
Assist. Prof. Dr. Hasan SESLİ	Structural Performance Evaluation Of Buildings Built Before And After 1999 Kocaeli Earthquake According To Different Soil	
Assist. Prof. Dr. Temel TEMİZ	A Comparative Examination Of Three Types Of Methods That Can Be Evaluated In The Selection Of Flood Hydrography For The Munzur Basin	
Hüseyin CAN KARADAĞ	The Effect Of Quality Of Earthquake Record Used In Time History Analysis On Seismic Behavior Of Reinforced Concrete Structures	
Fatma FIRAT	Seismic Performance Of Reinforced Concrete Frames With The Effect Of Earthquake Vertical Component	
Assist. Prof. Dr. Temel TEMİZ	Flood Situation Analysis: Case Of Yalova Kadikoy	
Dr. Evrim Yavuz	Comparison Of Afad And Koeri-retmc Earthquake Catalogs	
<i>Discussion</i>		
IMASCON 2022 AUTUMN SESSION 6.3 / 12:00 – 13:15	Hall : 3	10 DEC 2022
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_Y2E1M2M0ZjMtMDQxYS00NTVhLWI3ZWItNzdIzjVmZDQ2OTcy%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22864dcbf5-aaa0-4989-9679-d1cf8be72f4e%22%7d		
SESSION CHAIR : Assist.Prof.Dr. İbrahim MUTLU		
Assist. Prof. Dr. İbrahim MUTLU	Mechanical Evaluation Of Clavicle Bone Plate	

Ayberk DIZDAR	Techniques For Creating Digital Twins For The Application Of Biomechanics In Finite Element Analysis Applications	
Zakaria AL JOULAJI	Evaluation of lateral and frontal forces of dental pterygoid implants placed in different sizes using three-dimensional finite element analysis	
Abdulrahman AL-SANEA	Evaluation of the Effect of Friction Coefficient between Dental Implant Components on Dental Implant Stability Using Modal Analysis	
Hüseyin Yaşar	Ground Deformation Control In Ankara Batikent Mesa Region: Metro Line Control	
İlker Çelenk	Vehicle to Grid (V2G) Energy Transfer Applications in Electric Vehicles	
ONLINE PRESENTATIONS		
10 DEC 2022	SESSION 7	Time 13:30 – 14:45
IMASCON 2022 AUTUMN SESSION 7.1 / 13:30 – 14:45	Hall : 1	10 DEC 2022
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_YmViZTIyNjItNTgyMC00MmQ2LWE3Y2OtNDkyMWQ0MzU4ZjY4%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22dcf579e5-ef4b-4925-a3d3-aa41a98558c0%22%7d		
SESSION CHAIR : Assist.Prof.Dr. ALİ SARIBIYIK		
Bedrettin AYDOĞA	Analysis of Mechanical and Electrical Effects of Different Cutting Methods on PERC Solar Cells	
Kaan TAŞDAN	Modeling And Simulation Of 1.620 Kw Grid Connected Photovoltaic System With Pvsyst Software	
Bahar ARSLAN	Energy And Carbon Emission Reduction Impact Of Free Cooling Systems Application Instead Of Chillers At Industrial Facilities	
Azra ŞENTÜRK	Utilization Of Renewable Energy Sources In Nearly Zero Energy Building Design	
Assist. Prof. Dr., ALİ SARIBIYIK	An Experimental Investigation on the Strengthening of GFRP Box Profiles with Glass Fiber Fabric Wrapping and GFRP Angles	
IMASCON 2022 AUTUMN SESSION 7.2 / 13:30 – 14:45	Hall : 2	10 DEC 2022
Remote Access Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_YWFKyJliNWMtNGZkMS00MjdiLTlhMDMtMzJIZDY0YTI5OGVi%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%222907ecf3-67b4-4b77-b8ea-f0a19ffb4499%22%7d		
SESSION CHAIR : Assoc.Prof.Dr. Murat MAKARACI		
Songül AKBABA	Investigating Of Seafood Processing Plants In Bursa, Tekirdağ And Kocaeli In Marmara Region	

Asli GÜLEÇ	Determination Of The Energy Usage Efficiency Of Cucumber Production In The Greenhouse
Assist. Prof. Dr. Mustafa Gani SÜRMEŒ	Investigation of Valproic Acid Toxicity in Zebrafish Embryos Using LC-MS-Based Proteomics Approach
Tülay ÖZCAN	The Current Status And Problems Of Agricultural Consultants Regarding The Professions
Ayşe Melek TANRIVERDİ BADEMCİ	Effect Of Glut1 Inhibitor Bay-876 On Glucose Uptake And Cell Proliferation In Hepg2 Cells And Steatosis Cell Model In Hepatocellular Carcinoma
Assoc. Prof. Dr. Murat MAKARACI	Kinematic Modeling for Servo Conversion of 630 Tonnes Hot Forging Mechanical Press

Discussion

9 DEC 2022 FRIDAY
14:00 – 15:30
POSTER PRESENTATION

Remote Access Link:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjcyMzNmYTItMGRjZS00OWYyLWl2NzEtYTU2NGNhN2Q3MjMz%40thread.v2/0?context=%7b%22Tid%22%3a%2268d9f29c-e6b8-49ae-98bc-46af9b6f9a9d%22%2c%22Oid%22%3a%22119d50b5-a34c-4f35-b6c4-097f4b9a59fa%22%7d

SESSION CHAIR : Assoc.Prof.Dr. Derya Davarçı

Poster No	Responsible Author Name	Title
1	Assoc. Prof.Dr. Lyudmyla SYMOCHKO	Biological Features And Phenology Of The Odd Bark Beetle Development (Xyleborus Dispar F.) On The Territory Of Transcarpathia
2	Ceyda DUYAR	Imidazole derivative cyclotriphosphazene ligands
3	Afranur PENDAR	Octapodal cyclotetraphosphazene ligands
4	Esra MALTEPE	Comparison of Permeability of Creams Containing Terbinafine Hydrochloride Through Synthetic Membranes Using Franz Diffusion Cell System
5	Cansu ÖĞE	Investigation of PTEN and CHEK2 Gene Mutations Involved in Cell Signal Transduction in Familial Breast Cancer Cases
6	Soner AKGÜN	Investigation of Water Quality and Sediment Pollution of Sarısu Stream (Kocaeli)
7	Ezgi ALKAN	Development Of Pla-Based Biodegradable Polymer Blends For The Packaging Industry
8	Mücahit KAYA	Optimization Of Desferrioxamine Biosynthesis Through Co-Culture From Micromonospora Craterilacus Na12 And Streptomyces Sp. Mk37h
9	Nazlı DEMİRKIRAN	Investigation Of Molecules Involved In The Regulation Of Dna Methyltransferase-3a Function In Chronic Myeloid Leukemia Cell Lines
10	Aslı ESKİN	The Effect Of The Venom Of The Endoparasitoid Pimpla Turionellae On The Antioxidant System Of The Host Galleria Mellonella

11	Zülbiye DEMİRTÜRK	Oxidative Effect Of Aluminium Oxide Nanoparticles On Galleria Mellonella Larval Haemolymph
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